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5' ATAACCTTCGTATAGCATACATTATACGAAGTTAT 3'	WT <i>loxP</i>
3' TATTGAAGCATATCGTATGTAATATGCTTCAATA 5'	SEQ ID NO:35 (5'>3')
5' ATAACCTCTATATAGCATACATTATATAGAGTTAT 3'	WT <i>loxM7</i>
3' TATTGAGATATATCGTATGTAATATATCTCAATA 5'	SEQ ID NO:36 (5'>3')
5' ATAACCTTCGTATAGCATACATTATATAGAGTTAT 3'	<i>loxP</i> - <i>M7</i>
3' TATTGAAGCATATCGTATGTAATATATCTCAATA 5'	SEQ ID NO:37 (5'>3')
3' ATAACCTCTATATAGCATACATTATACGAAGTTAT 5'	<i>M7</i> - <i>loxP</i>
5' TATTGAGATATATCGTATGTAATATGCTTCAATA 3'	SEQ ID NO:38 (5'>3')

Figure 1A

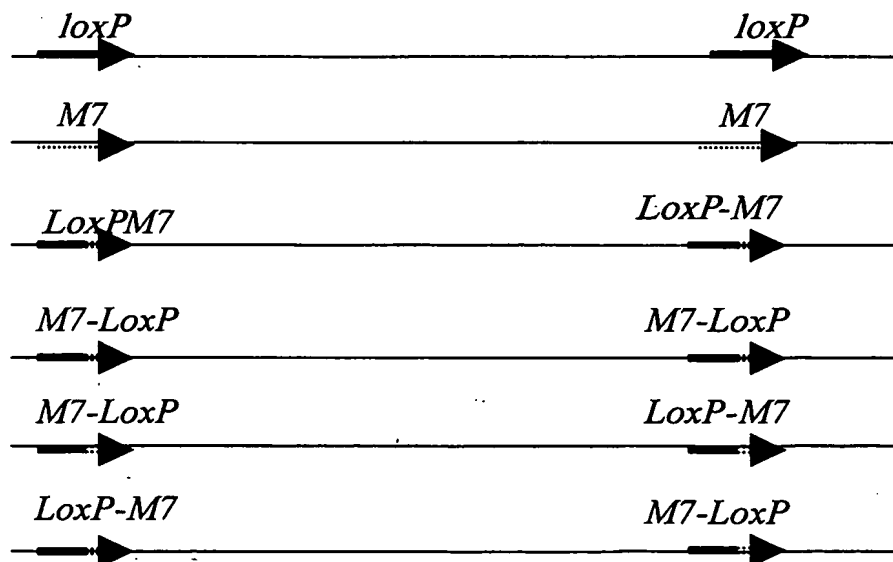


Figure 1B

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loxP:

SEQ ID NO

WT loxP

		XhoI		BamHI
39	Xho-Bam	CTCGAG	ATAACTTCGTATAGC <b>CATACAT</b> TATACGAAGTTAT	GGATTC
	Bam-Xho	GAGCTC	TATTGAAGCATAT <b>CGTATGTA</b> ATATGCTTCAATA	CCTAGG
		EcoRI		PstI
40	Eco-Pst	GAATTC	ATAACTTCGTATAGC <b>CATACAT</b> TATACGAAGTTAT	CTGCAG
	Pst-Eco	CTTAAG	TATTGAAGCATAT <b>CGTATGTA</b> ATATGCTTCAATA	GACGTC

loxM7:

WT loxM7

		XhoI		BamHI
41	Xho-Bam	CTCGAG	ATAACTCTATATAGC <b>CATACAT</b> TATATAGAGTTAT	GGATTC
	Bam-Xho	GAGCTC	TATTGAGATATAT <b>CGTATGTA</b> ATATATCTCAATA	CCTAGG
		EcoRI		PstI
42	Eco-Pst	GAATTC	ATAACTCTATATAGC <b>CATACAT</b> TATATAGAGTTAT	CTGCAG
	Pst-Eco	CTTAAG	TATTGAGATATAT <b>CGTATGTA</b> ATATATCTCAATA	GACGTC

loxP-M7:

loxP-M7

		XhoI		BamHI
43	Xho-Bam	CTCGAG	ATAACTTCGTATAGC <b>CATACAT</b> TATATAGAGTTAT	GGATTC
	Bam-Xho	GAGCTC	TATTGAAGCATAT <b>CGTATGTA</b> ATATATCTCAATA	CCTAGG
		EcoRI		PstI
44	Eco-Pst	GAATTC	ATAACTTCGTATAGC <b>CATACAT</b> TATATAGAGTTAT	CTGCAG
	Pst-Eco	CTTAAG	TATTGAAGCATAT <b>CGTATGTA</b> ATATATCTCAATA	GACGTC

Figure 1C

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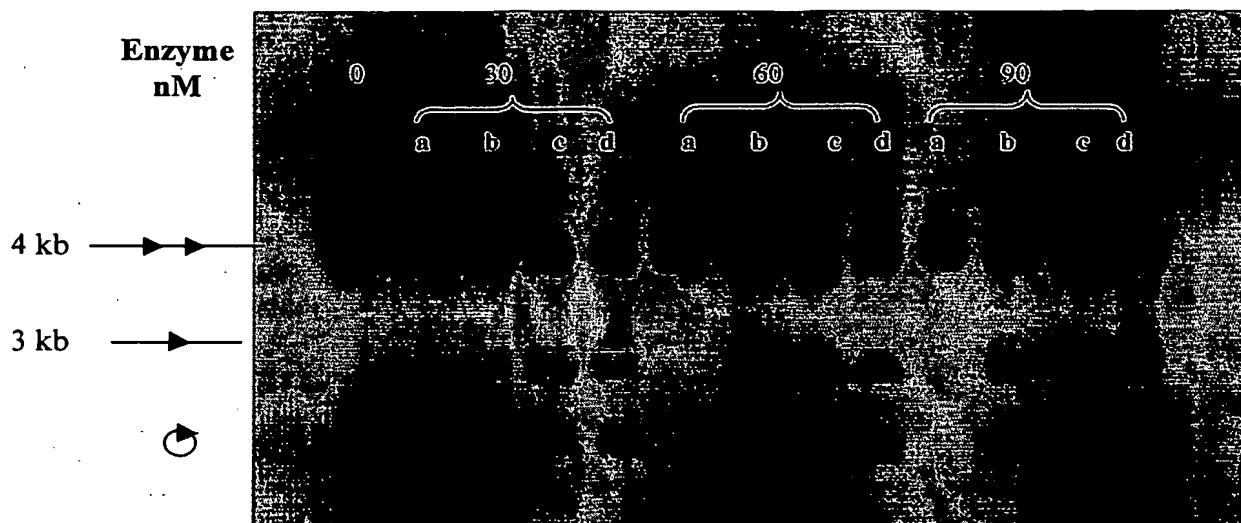


Figure 2A

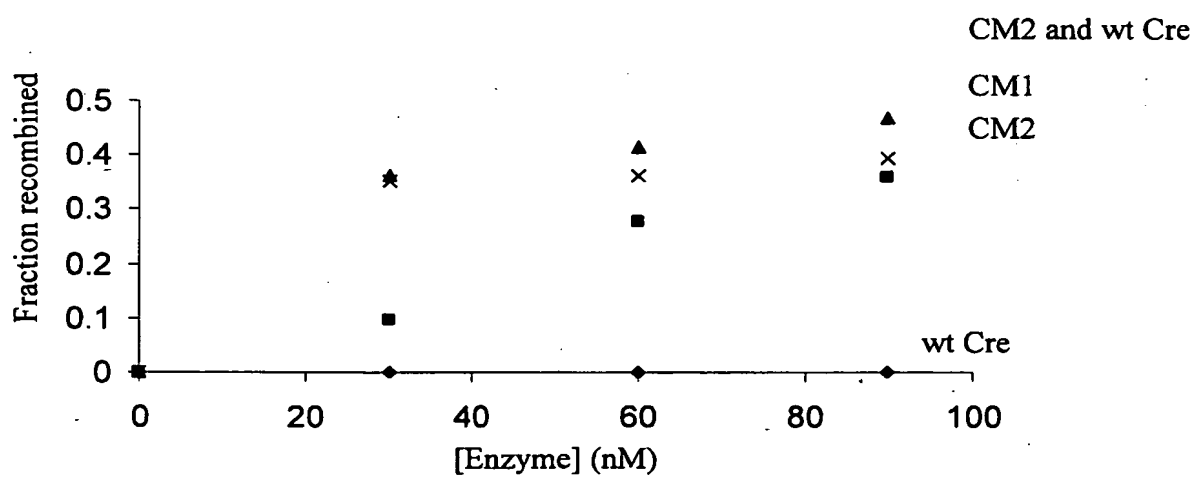


Figure 2B

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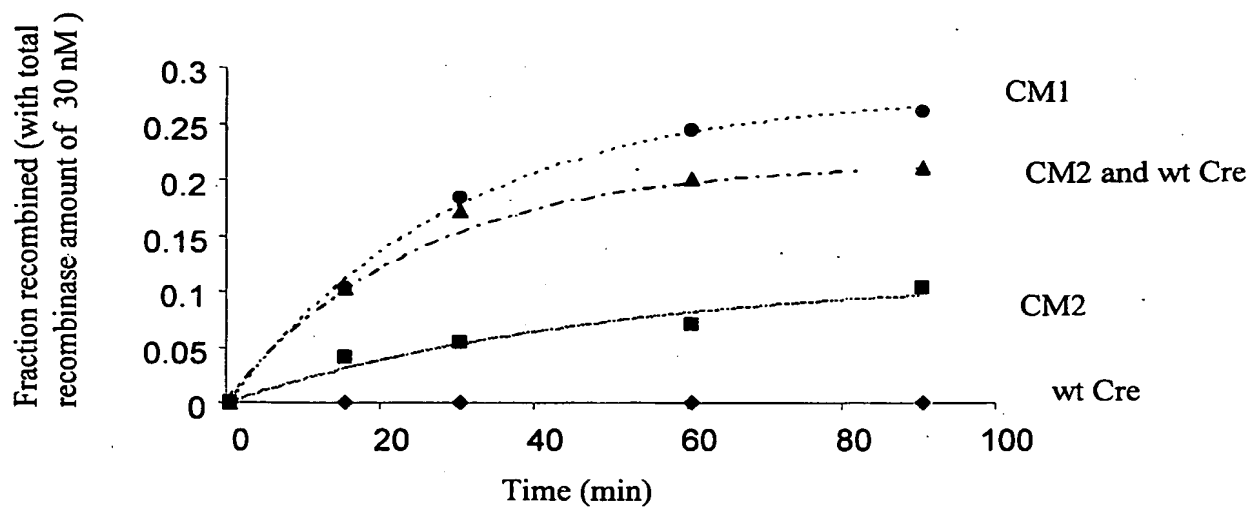


Figure 3A

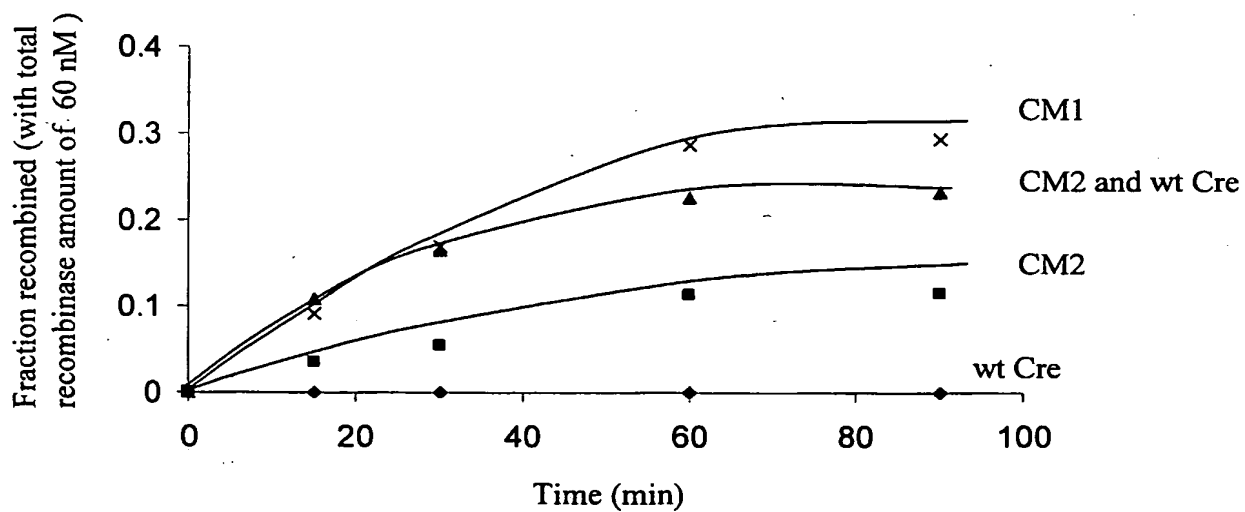


Figure 3B

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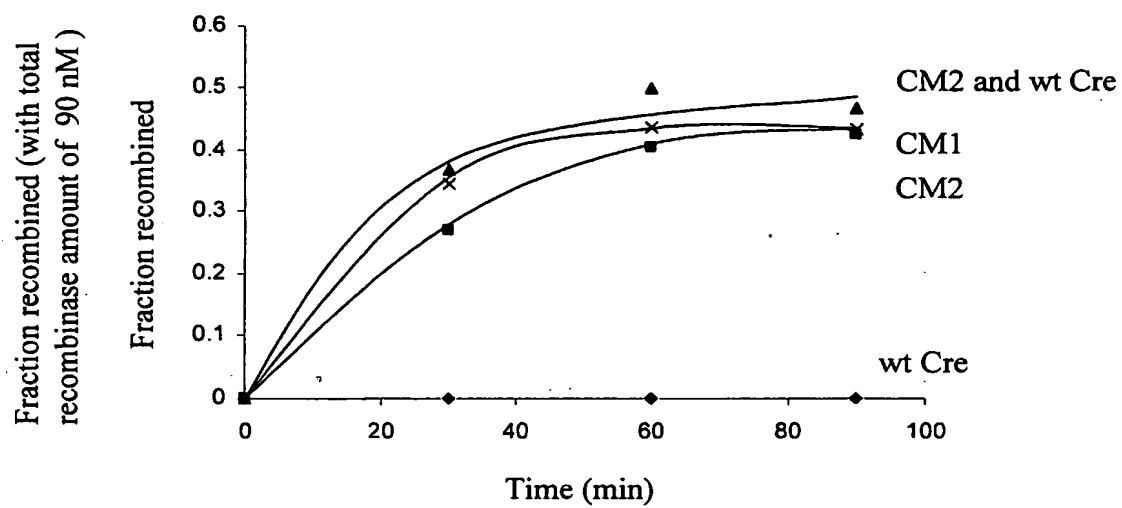


Figure 3C

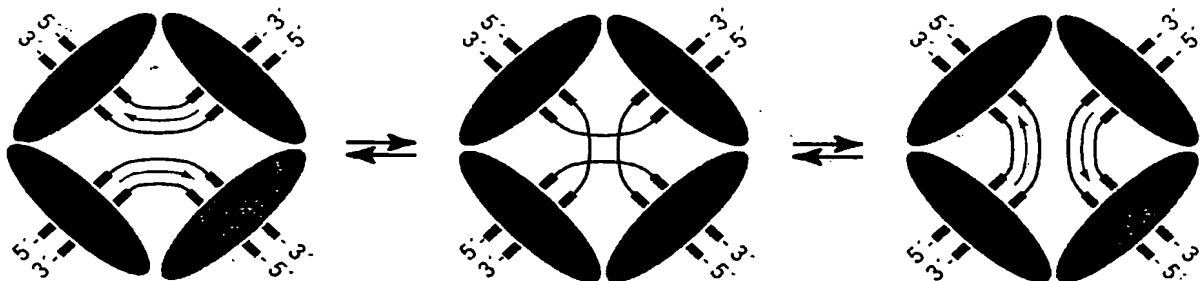


Figure 4

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	Left	Spacer	Right
<i>loxP</i> (wt, symmetric):	ATAACTTCGTATA	<b>ATGTATGC</b>	TATACGAAGTTAT
SEQ ID NO:45			
<i>lox-LTR</i> (asymmetric):	TCAAGTTAGTACC	<b>AGTTGAAC</b>	CAGAGCAAGTAGA
SEQ ID NO:46			

Figure 5

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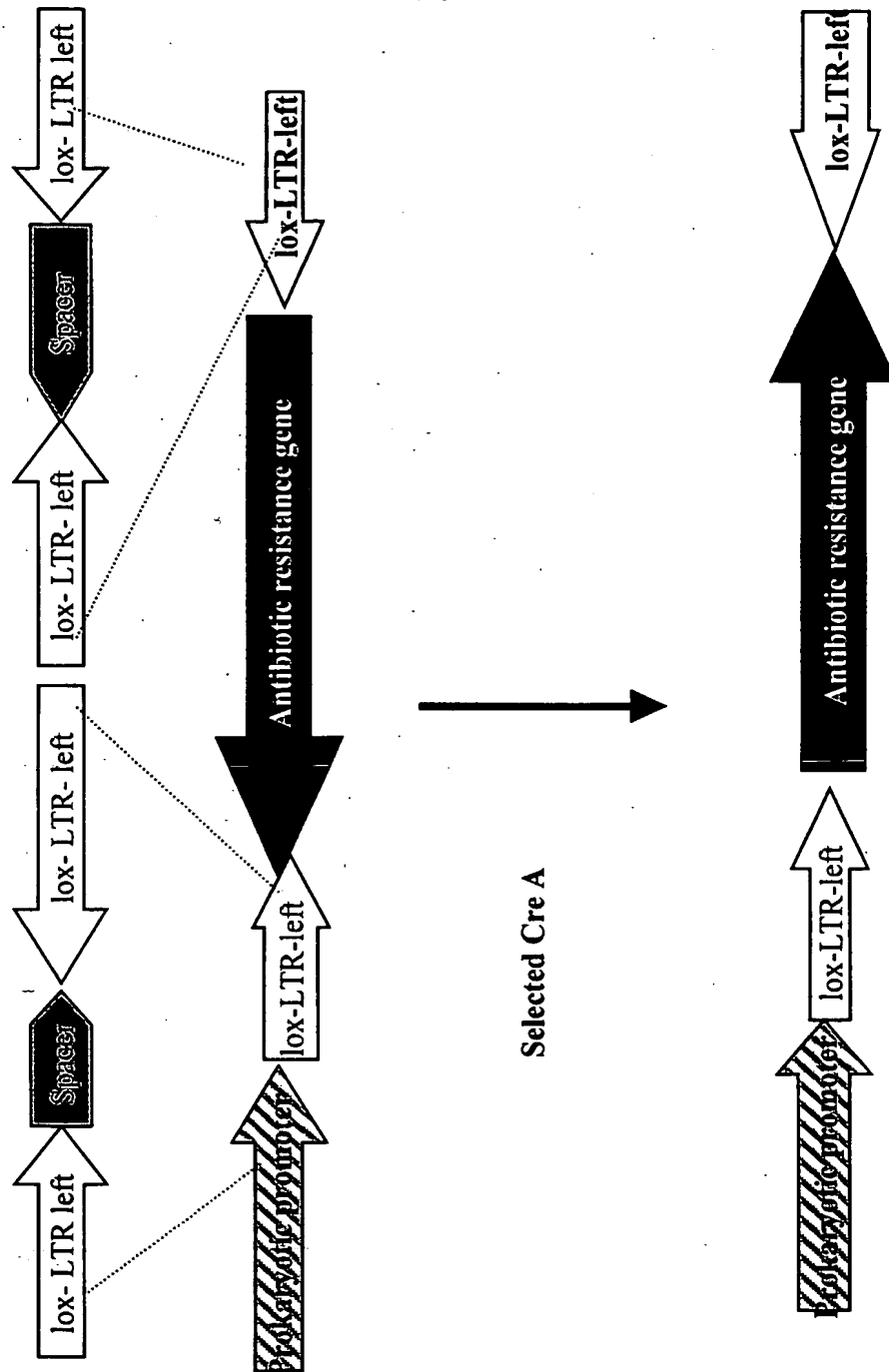


Figure 6A

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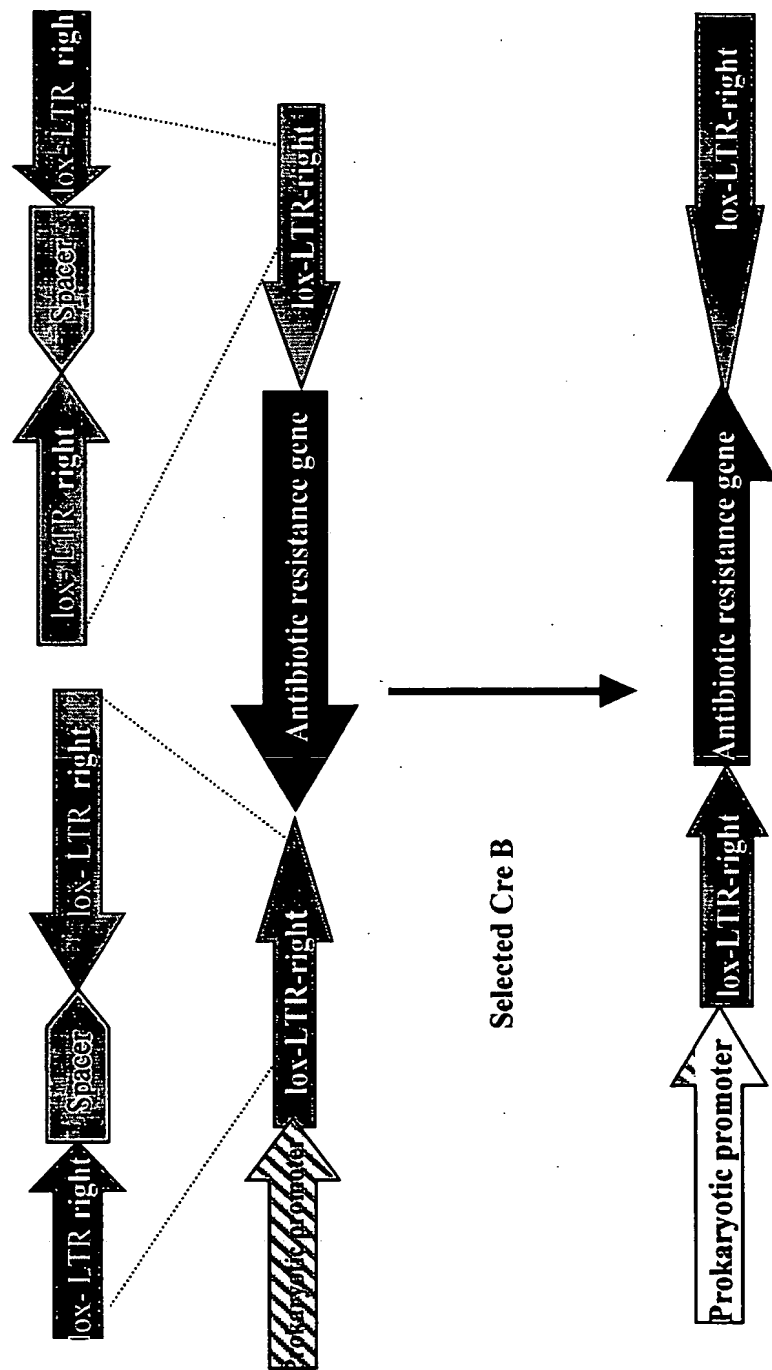


Figure 6B



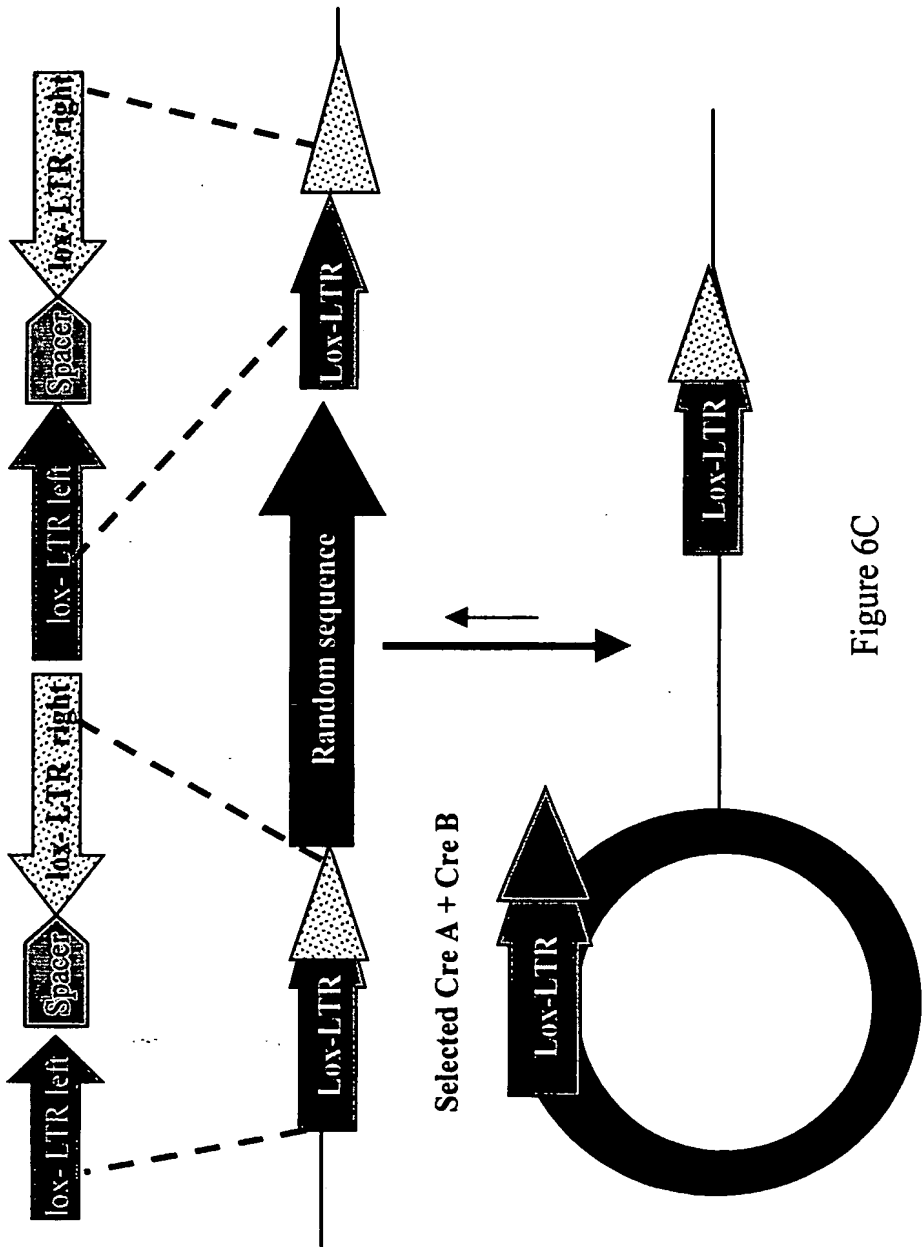


Figure 6C